



FAM80A Polyclonal Antibody

Cat #: ABP51324

Size: 30µl /100µl /200µl

Product Information

	Product Name: FAM80A Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Monkey		
REF	Catalog Number: ABP51324	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: RIMKLA (N-acetylaspartyl-glutamate synthetase A) is a 391 amino acid protein that belongs to the rimK family. Localizing to cytoplasm, RIMKLA contains one ATP-grasp domain and binds two manganese ions per subunit. RIMKLA catalyzes the synthesis of N-acetylaspartyl-glutamate (NAAG). RIMKLA, is almost exclusively expressed in the CNS, whereas RIMKLB, which shares 65% sequence identity with RIMKLA, is expressed in CNS and testis. It has also been suggested that RIMKLA and RIMKLB also served to ligate free glutamate to (an) acceptor (s). RIMKLA catalyzed the ATP-dependent synthesis of N-acetylaspartylglutamate (NAAG) from N-acetylaspartate and L-glutamate. RIMKLB catalyzed this reaction as well as the synthesis of β -citrylglutamate. The RIMKLA gene is conserved in chimpanzee, dog, cow and mouse, and maps to human chromosome 1p34.2.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

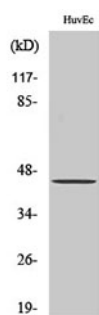


Fig. Western Blot analysis of various cells using FAM80A Polyclonal Antibody.

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